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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/750,295	12/31/2003	Peiguang Zhou	KCX-1460 (19924)	9196
22827 7590 01/23/2009 DORITY & MANNING, P.A. POST OFFICE BOX 1449			EXAMINER	
			STEELE, JENNIFER A	
GREENVILLE, SC 29602-1449			ART UNIT	PAPER NUMBER
			1794	
			MAIL DATE	DELIVERY MODE
			01/23/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No. Applicant(s) 10/750 295 ZHOU ET AL. Office Action Summary Examiner Art Unit JENNIFER STEELE 1794 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 10 November 2008. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-5.8-13.16-21.23-25 and 36 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) Claim(s) 1-5,8-13,16-21,23-25 and 36 is/are rejected. 7) Claim(s) _____ is/are objected to. 8) Claim(s) _____ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. Notice of Draftsperson's Patent Drawing Review (PTO-948)

Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _______

Notice of Informal Patent Application

6) Other:

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DETAILED ACTION

Claim Objections

 Claim 8 objected to because of the following informalities: Claim 8 is dependent on cancelled claim 7. Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

- Determining the scope and contents of the prior art.
- 2. Ascertaining the differences between the prior art and the claims at issue.
- Resolving the level of ordinary skill in the pertinent art.
- Considering objective evidence present in the application indicating obviousness or nonobviousness.
- Claim 1-5, 8-13, 16-19, 24 and 36 rejected under 35 U.S.C. 103(a) as being unpatentable over Mleziva (US 6057024) in view of Wang (US 6,653,385) and Owen ("Release Agents", Encyclopedia of Polymer Science and Technology, Online Posting Date Oct. 22, 2001) and Benoit (US 4,833,017). The claims were not amended and the previous Office Action of 6/9/2008 is maintained.

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Mleziva teaches a composite elastic material for use in end use products such as garments, pads, diapers and personal care products. Mleziva teaches a composite elastic material comprising a layer of continuous ribbon shaped filaments which are bonded to an extensible layer which may be a gatherable layer or a stretchable layer (ABST). Mleziva teaches an elastic nonwoven web of elastomeric ribbon-shaped elements and the extensible layer can be joined at spaced apart locations when the web is in an elongated state to form a gatherable layer. Alternatively, Mleziva teaches the extensible layer may be an elastomeric and/or other stretchable layer that can be joined continuously to the elastomeric filament layer (col. 2. lines 13-25). The extensible nonwoven layer may be of materials such as meltblown polymeric webs, spunbonded webs and/or thermoplastic films (col. 2, lines 25-35). Mleziva teaches one embodiment wherein meltblown fibers are formed directly on top of the extruded elastomeric filaments or alternatively, a layer of elastomeric meltblown fibers may be deposited on a foraminous surface and rows of elastomeric filaments formed directly upon the elastomeric meltblown fibers. (col. 15, lines 1-15). Examiner equates the layer of meltblown fibers deposited on the elastomeric filaments with the claimed layer which comprises the meltblown nonblocking agent. Examiner equates teachings that the extensible layer, which can be of meltblown fibers, can be joined continuously to the elastic filament laver with the claimed laver of meltblown nonblocking agent is adhered tightly to the elastic layer forming a not gathered layer. Mleziva teaches the layers can be joined with an adhesive (col. 17, lines 19-57). Mleziva teaches adhesives such as a styrene-butadiene rubber-based adhesive applied at a layer amount 1-10 gsm (col. 17,

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lines 19-35). Mleziva differs from the current application and does not teach the open time for the adhesive and Mleziva does not teach a polypropylene adhesive. Mleziva differs from the current application and does not teach a meltblown antiblocking layer. Mleziva differs from the current application and does not teach layer weights.

Wang teaches hot melt adhesives based on a blend of amorphous poly-α-olefin and syndiotactic polypropylene. Wang teaches the hot melt adhesives may be used in applications such as disposable nonwoven hygienic articles (ABST). Wang teaches adhesive add on levels of 3 gsm with an open times of 0.5 seconds (col. 15, lines 8-10).

Benoit teaches a thermoplastic stretch wrap film with a non-cling, slide layer on one side and a cling layer on the other. Benoit teaches that the non-cling layer is produced of a LLDPE with an antiblock agent bonding to it (col. 4, lines 50-68). Benoit teaches the antiblock agent is a particulate powder that adheres to the film layer when hot. Benoit teaches the quantity of particulate powder can be experimentally calculated for a given film layer (col. 5, lines 1-5). Benoit teaches antiblocking agents that can be organic materials including polyethylene powders. Benoit teaches typical values for add on level is 0.01 to 1.0 % of the weight of the film/resin layer (col. 5, lines 5-10). As the current application teaches an elastic layer of 4-20 gsm, utilizing an antiblocking agent layer at an add on amount of 0.01 to 1% would be equal to an antiblocking layer weight of 0.0004-0.2 gsm as claimed in the current application.

Owen teaches release agents are used to control and eliminate the adhesion of surfaces such as two plastic layers. Release agents expedite the industrial handling and processing or polymers such as calendaring, casting, embossing, extrusion,

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forming, labeling, laminating, machining, molding, packaging, protecting and transferring. Release agents function by either lessening intermolecular interactions between the two surfaces in contact or preventing such close contact and therefore can be low surface tension materials or they can be particulate solids. Classification of release agents includes polymers such as polyolefins such as polypropylene, silicones, fluoropolymers and natural polymers such as cellophane. Owen teaches that polyolefin polymers such as polypropylene or polyethylene have surface tension property that would make a desirable release agent. Owen provides a teaching that the selection of a polymer type and/or solid can provide desirable release properties to a material or structure.

Mleziva teaches a stretch bonded laminate that can be comprised of a layer of elastomeric continuous filaments adhered with an adhesive to at least one gatherable layer. Mleziva teaches layered elastic laminates that have extensible layers that can be gathered or can be continuously bonded. Mleziva teaches that a meltblown layer can be formed one side of the elastic filaments. Mleziva differs and does not teach that the meltblown layer is a nonblocking layer or functions as the claimed layer of meltblown nonblocking agent. Mleziva differs from the current application and does not teach a meltblown layer with a nonblocking agent and Mleziva does not teach the open time of the adhesive. Wang teaches an adhesive with a low open time. Owen teaches the motivation to use a material that can function as a release agent. Benoit teaches a polyethylene nonblocking agent and the technique of adding a low level to achieve the desired slide or non-cling properties.

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ a low open time adhesive in the invention of Mleziva, motivated to improve the production of the laminate. It would have been obvious to employ a meltblown layer on the side opposite the facing layer that has non blocking properties motivated to produce a laminate that be rolled up for storage and unrolled for use. Owen teaches materials that provide non-blocking properties and Benoit teaches the amount of non-blocking agent and therefore Owen and Benoit are findings in prior art that one of ordinary skill in the art would have recognized that the results of the combination were predictable.

As to claims 2-5, Mleziva differs from the current application and does not teach peel strength. Benoit teaches a film that has two sides, one that is a non-cling side and the other side that has cling. Benoit teaches a cling force that is a measure of how the film layer adheres to the other side of the film layer on the roll. Benoit teaches a cling force for the LLDPE resin film is about 160 gm. Benoit teaches adding a particulate anti-block agent which reduces the cling force to essentially nothing (col. 7, lines 33-49). The cling force (measured in grams) of Benoit is equated with the peel strength of the current application. It would have been obvious to produce a laminate with a layer comprising a non-blocking agent motivated to reduce the adhesion force between the layers when on a roll. When the reference discloses all the limitations of a claim except a property or function, and the examiner cannot determine whether or not the reference inherently possesses properties which anticipate or render obvious the claimed

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invention the examiner has basis for shifting the burden of proof to applicant as in In re Fitzgerald, 619 F.2d 67, 205 USPQ 594 (CCPA 1980). See MPEP § 2112-2112.02

As to claims 8-13, Mleziva differs from the current application and does not teach the open time of the adhesive and does not teach a polypropylene type adhesive.

Mleziva teaches using a styrene butadiene rubber based adhesive resin that can be spray coated at a basis weight of about 1-10 grams per square meter. Mleziva teaches other adhesives and other application techniques may also be employed (col. 17, lines 20-34). Wang teaches hot melt adhesives based on a blend of amorphous poly-α-olefin and syndiotactic polypropylene. Wang teaches the hot melt adhesives may be used in applications such as disposable nonwoven hygienic articles (ABST). Wang teaches adhesive add on levels of 3 gsm with an open times of 0.5 seconds (col. 15, lines 8-10). It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the polypropylene adhesive of Wang in the laminate of Mleziva motivated to obtain the desired fabric and processing parameters that can be achieved with the a polypropylene adhesive.

teach a meltblown nonblocking agent and does not teach the add-on level of the meltblown nonblocking agent. Benoit teaches the antiblock agent is a particulate powder that adheres to the film layer when hot. Benoit teaches the quantity of particulate powder can be experimentally calculated for a given film layer (col. 5, lines 1-5). Benoit teaches antiblocking agents that can be organic materials including polyethylene powders. Benoit teaches typical values for add on level is 0.01 to 1.0 % of

As to claims 16-19. Mieziva differs from the current application and does not

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the weight of the film/resin layer (col. 5, lines 5-10). As the current application teaches an elastic layer of 4-20 gsm, utilizing an antiblocking agent layer at the add-on amount of 0.01 to 1% would be equal to an antiblocking layer weight of 0.04-2 gsm. It would have been obvious to one of ordinary skill in the art to employ the technique of applying a non-blocking agent to a rolled laminate at the basis weight of 0.01-1% motivated to produce a laminate that can be rolled and unrolled without adhesion.

As to claim 24 and 36, Mleziva teaches a facing layer that can be a gatherable nonwoven layer made of materials such as meltblown polymeric webs, spunbonded webs and/or thermoplastic films (col. 8, lines 22-34).

3. Claim 20, 21 and 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Mleziva (US 6057024) in view of Wang (US 6,653,385) and Owen ("Release Agents", Encyclopedia of Polymer Science and Technology, Online Posting Date Oct. 22, 2001) and Benoit (US 4,833,017) and in further view of Quantrille (US 6506698). The claims were not amended and the previous Office Action of 6/9/2008 is maintained.

As to claims 20-21 and 23, Mleziva does not teach the basis weights for the nonwoven layers. Quantrille teaches an extensible composite nonwoven fabric that can be comprised of layers of nonwovens and/or polyolefin film or filament. Quantrille teaches the layers are bonded together with adhesive. Quantrille teaches laminates with total basis weights of 19-22 gsm (col. 16. Table 4) wherein the laminate are

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produced of spunbond-meltblown-spunbond trilaminates. Wherein the total basis weights are about or less than 20 gsm, the individual layers would be less than 20 gsm.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ layers with basis weights in the range of 4-20 and 4-15 gsm motivated to produce a lightweight stretch bonded laminate as evidenced by Quantrille.

4. Claim 25 rejected under 35 U.S.C. 103(a) as being unpatentable over Mleziva (US 6057024) in view of Wang (US 6,653,385) and Owen ("Release Agents", Encyclopedia of Polymer Science and Technology, Online Posting Date Oct. 22, 2001) and Benoit (US 4,833,017) and in further view of Shawver (US 6909028). The claims were not amended and the previous Office Action of 6/9/2008 is maintained.

Mleziva teaches a composite elastic material comprising a layer of continuous ribbon shaped filaments to which is bonded to a gatherable layer (ABST). The gatherable nonwoven layer may be of materials such as meltblown polymeric webs, spunbonded webs and/or thermoplastic films (col. 8, lines 22-34). Mleziva differs from the current application and does not teach a facing layer that is necked.

Shawver teaches an elastic laminate for use as a barrier layer in diapers and personal care products. Shawver teaches a filled film adhered to an outer fibrous layer. The outer fibrous layer is a neckable elastic fabric having a basis weight between 10 – 70 g/m2 (col. 10, lines 17-45).

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It would have been obvious to one of ordinary skill in the art to employ a necked gatherable facing layer of Shawver to the composite elastic laminate of Mleziva motivated to produce an elastic material of the desirable stretchability personal care products and diapers.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., In re Berg, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); In re Goodman, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); In re Longi, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); In re Van Omum, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); In re Vogel, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and In re Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3,73(b).

5. Claim 1-5, 7-13, 16-21 and 23-24 of this application conflict with claim 1, 9 and 12 of Application No. 11/011439. 37 CFR 1.78(b) provides that when two or more applications filed by the same applicant contain conflicting claims, elimination of such claims from all but one application may be required in the absence of good and sufficient reason for their retention during pendency in more than one application.

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Applicant is required to either cancel the conflicting claims from all but one application or maintain a clear line of demarcation between the applications. See MPEP § 822.

6. Claim 1-5, 7-13, 16-21 and 23-24 of this application conflict with claim 1-20 of Application No. 11/070307. 37 CFR 1.78(b) provides that when two or more applications filed by the same applicant contain conflicting claims, elimination of such claims from all but one application may be required in the absence of good and sufficient reason for their retention during pendency in more than one application.

Applicant is required to either cancel the conflicting claims from all but one application or maintain a clear line of demarcation between the applications. See MPEP § 822

Response to Arguments

- Applicant's arguments filed 11/10/2008 have been fully considered but they are
 not persuasive. The previous Office Action 35 USC 103(a) rejection over Mleziva in
 view of Wang and Owen and Benoit of 6/9/2008 is maintained.
- 8. Applicant argues that Applicant's claim a single sided elastic laminate and that Mleziva discloses a fibrous web 12 bonded to a first extensible layer 24 and a second extensible layer 28 and that the references fail to teach an elastic laminate where a facing layer is bonded to only one side of the elastic layer. Applicant's reference to a single sided laminate is not structurally correct, as Applicant's laminate has two sides. If Applicant is referring to a single sided laminate as one where there is only one side with a facing layer, a facing layer is still equated with a layer and as claimed encompasses

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the structure and layers of Mleziva. A comparison of Claim 1 of the current invention with Mleziva is presented below.

Applicant is claiming an elastic laminate comprising:

- · An elastic layer comprising continuous filament strands
- A facing layer bonded to only one side of said elastic layer
- An adhesive ... deposited between said elastic layer and said facing layer and
- A layer which comprises a meltblown nonblocking agent

As claimed, Applicants structure includes an elastic layer in the middle and two outer layers, one layer called a facing layer and the other layer containing a meltblown antiblocking agent.

In comparison, as noted in the Office Action above, Mleziva teaches

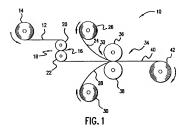
- a composite elastic material comprising a layer of continuous ribbon shaped filaments which are bonded to
- a first and or second extensible layers which may be a gatherable layer or a stretchable layer
 - and Mleziva teaches the extensible layers may be an elastomeric
 and/or other stretchable layer that can be joined continuously to the
 elastomeric filament layer. The extensible nonwoven layer may be
 of materials such as meltblown polymeric webs. Mleziva teaches
 one embodiment wherein meltblown fibers are formed directly on
 top of the extruded elastomeric filaments or alternatively, a layer of

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elastomeric meltblown fibers may be deposited on a foraminous surface and rows of elastomeric filaments formed directly upon the elastomeric meltblown fibers.

Mleziva teaches the layers can be joined with an adhesive.



The structure of Mleziva above shows the elastic filaments as layer 12, and the extensible layers 24 and 28. Layers 24 and 28 can be spunbonded, meltblown or films. The structure of Mleziva described encompasses the Applicant's structure and types of layers. While Mleziva does not describe an embodiment where one layer is called a facing layer and one layer comprises a meltblown antiblocking agent, Mleziva teaches the structure of the claimed invention with the exception of the antiblocking agent.

 Applicant argues that Mleziva fails to disclose a nonblocking agent or peel strengths less than 200 g, 100 g or 50 g and Examiner has relied upon Benoit for this teaching. Applicant argues that one of ordinary skill in the art would not be motivated to Art Unit: 1794

combine Benoit with Mleziva. Examiner has relied upon Benoit and Owen for teaching that antiblocking agents are known in the art. Benoit is drawn to a powdered particulate bonded to a film of LLDPE and Owen teaches that many materials inherently have properties of being nonblocking. The claims describe a layer comprising a nonblocking agent. Benoit teaches a film comprising a nonblocking agent presenting a finding that one of ordinary skill in the art could have employed a nonblocking agent in a layer motivated to roll up a laminate and unroll a laminate without adhesion. Owen teaches release agents or nonblocking agents can be used to control and eliminate adhesion between two plastic layers. Owen further teaches that some materials such as polyolefins inherently have the property that reduces surface adhesion. Benoit and Owen provide evidence that one of ordinary skill in the art could have chosen a nonblocking agent to the layer of the elastic laminate motivated to roll up the laminate without adhesion to the facing layer. Benoit and Owen provide evidence that it would have been obvious to try a meltblown nonblocking agent as there are many materials that inherently have the property of antiblocking.

 The previous Double Patenting rejections over Application No. 11/011439 and Application No. 11/070307 are maintained.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JENNIFER STEELE whose telephone number is (571)272-7115. The examiner can normally be reached on Office Hours Mon-Fri 8AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Tarazano can be reached on (571) 272-1515. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. S./ Examiner, Art Unit 1794

1/21/2009

/Elizabeth M. Cole/ Primary Examiner, Art Unit 1794